#### See Instructions on back of page 6.

Department of Toxic Substances Control

in or type. Form designed for use on elife (12-pitch) typewriter.			1		acramento, Calitori	(40)240240000
UNIFORM HAZARDOUS WASTE MANIFEST    1. Generator's US EPA ID No.   Mc   C   A   D   O   8   6   5   1   0   0   0   5   4	inifest Documer	nt No.  4  0	2. Page 1 of 1		n in the shaded are ired by Federal la	
Ouglas Aircraft Company Attn: R. Tuell M/S Company South Normandie Avenue, Torrance, CA 90502	5-59		Aanifest Document Generator's ID	Number 92	745541	0
4. Generator's Phone ( 310 533-7926 or 310/533-7231		Н	IA IH IO I3 I	<u>6  0  0  </u>	5   <u>6  9  8  </u>	
5. Transporter 1 Company Name 6. US EPA ID Number Laidlaw Environmental Services of CA p. 0.000			ransporter's ID	423	5/0	
7. Transporter 2 Company Name 8. US EPA ID Number	3 4 4 4		ransparter's ID	e e e	18-4700	
9 Designation   1   1   1   1   1   1   1   1   1	111		orter's Phone			
9. Designated Facility Name and Site Address Appropriate Technologies, Inc. 1700 Maxwell Road Chula Vista, CA 92011 C A T lo B lo lo la la	יו מו דו	G State F	<u> </u>	<u>9 1<sub>1</sub>9</u> 75	<u> </u>	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Con No.	tainers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number	r
<pre></pre>	0 0 3	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	0   0   9   9   8	р	$\frac{\text{State}}{181}$ EPA/Other $\frac{1}{1000}$	1
b.			111		State EPA/Other	
					State EPA/Other	
d.	1.1	1	1 1 1 1		State  EPA/Other	
J. Additional Descriptions for Materials Listed Above 11a) ID#38420. Kolene		K. Handlin a.	g Codes for Wast	es Listed Abo	3V8	
		<b>c.</b>		d.		
15. Special Handling Instructions and Additional Information						
24 Hour emergency telephone number (800) 424-9300	(Chemtr	ec).	DOT ERG#1	lla)42		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully	and accurately	/ described o	above by proper s	hipping nam	e and are classifie	d,
packed, marked, and labeled, and are in all respects in proper condition for transport by highwa	y according to	applicable f	ederal, state and	international	laws.	
If I am a large quantity generator, I certify that I have a program in place to reduce the vol economically practicable and that I have selected the practicable method of treatment, storage, threat to human health and the environment; OR, if I am a small quantity generator, I have m waste management method that is available to me and that I can afford.	or disposal cu	rrently avail	able to me which	minimizes th	e present and fut	ure
Printed/Typed Name Robert G. Tuell, Tr. Signature  17. Transporter 1 Acknowledgement of Receipt of Materials	1 <u>B.</u>	Tu	<u>all, Jr.</u>	Month O	h Day 2039	9 4 9 4
Printed/Typed Name DHW DOHAW  18. Transporter 2 Acknowledgement of Receipt of Materials	Ym.	D	an	Monti	h Day	Year
Printed/Typed Name Signature	100 mm (100 mm)			Monti	n Day	Year
19. Discrepancy Indication Space						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manife  Printed/Typed Name Signature	st except as no	oted in Item	19.	Month	n Dary	Year
		Va	1 .	- 14 A. T	11/1/21	1 14

DO NOT WRITE BELOW THIS LINE.

92745540 TE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-72

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESP.

oper 17. Transporter 1 Acknowledgement of Receipt of Materials Month Signature Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Materials

19. Discrepancy Indication Space

Printed/Typed Name

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Month Printed/Typed Name

Signature

DO NOT WRITE BELOW THIS LINE.

Q

CASE

z

Day

Day

Year

# APPROPRIATE TECHNOLOGIES, INC. CALIFORNIA LAND DISPOSAL RESTRICTION NOTIFICATION

PART I:	Generator Information	l <b>.</b>		
GENERATOR 1	NAME Douglas A	ircraft Comp	any	
CAD	086 510 005	45540	72745540	38420
	EPA ID #	_	MANIFEST #	PROFILE #
The waste(s) is the Land Disp	dentified on the above ref posal Restrictions of CCR	erenced manifest a , Title 22, Chapte	and bearing the Californ r 30.	ia waste number(s) identified below is subject to
PART II:	Waste Identification	•		,
California was	ste number(s) 181			
Check the app	propriate lines. (More tha	n one line may ap	ply.)	·
X 1. RC	RA regulated waste			
2. No	n-RCRA metal-containing	g aqueous waste io	dentified on CCR, Title	22, 67702(b) (l).
	B wastes identified in CC			
Pro	on-RCRA metal-containing ohibition effective date M	ay 8, 1992.		
803 (Re	80, 8140, 8150, 8240, and eference CCR, Title 22, 6	or 8270. Prohibiti 57702 (b)(10).)	ion effective date May 8	
815	50, 8240, and/or 8270. Pro	ohibition effective	date May 8, 1992. (Ref	ry EPA Test Methods 8080, 8140, erence CCR, Title 22, 67702 (b)(11).)
qu	her Non-RCRA, Californ antity generators, and hou 179.9.	ia regulated waste, usehold hazardous	, category includes lab   waste exempted in the	packs, California extremely small Health and Safety Code Section
PART III:	Handling Method.	Address of the second of the s	•	
	propriate lines. (More that			
	e RCRA waste identified ESTRICTION NOTIFICA		ndled in accordance with	th the attached EPA LAND DISPOSAL
2. Th			meet the applicable sta	ndards in CCR, Title 22, Division 4, Chapter
"I o tes sta is	sting or through knowledge andards specified in CCR	aw that I personal ge of the waste to Title 22, Division lete. I am aware the	ly have examined and an support this certification 4, Chapter 30, Article that there are significant	m familiar with the waste through analysis and a that the waste complies with the treatment 41. I believe that the information I submitted penalties for submitting a false certification,
4. Th	ne waste identified above DENTIFICATION section	is subject to a var above.	iance. The expiration da	ate of the variance is indicated in the WASTE
5. Th	ne Non-RCRA waste iden	tified above is not	currently restricted from	m land disposal.
			1,000	
PART IV:	Generator Certifica			
I hereby certi knowledge ar	fy that all information sup nd that no omissions or en	oplied above and or errors exist.	n all associated documer	ats is true, complete and accurate to the best of m
•	Obert S. Tu		- // T	Date: 02-03-94
	Name: Robert	G, / Engine		
Title: <u>Jey</u>	HVI I WI	- rigine		
			Page 3 of 3	

### TREATMENT SUBCATEGORIES

` <b>N</b>	EPA	,	
a i	WASTE		
Ų.S. 1	CODE	SUBCATEGORIES	COMMENT
Not to	D001	Ignitable liquids ≥ 10% TOC	Per 261.21 (a)(1)
numb		Ignitable liquids < 10% TOC	Per 261.21 (a)(1)
1		Ignitable compressed gases Ignitable reactives	Per 261.21 (a)(3)
genei		Oxidizer	Per 261.21 (a)(2) Per 261.21 (a)(4)
	D000		
trans;	D002	Steel corrosives	SAE 1020 steel corrosion rate $\geq 0.25$ inch/year
trans:		Alkaline Acid	Per 262.22 (a)(1)
trans use a	T-004		Per 262.22 (a)(l)
	D003	Explosives	Per 261.23 (a)(6), (7), (8)
the si		Water reactives	Per 261.23 (a)(2), (3), (4)
of th dress		Reactive sulfides Reactive cyanides	Per 261.23 (a)(5) Per 261.23 (a)(1), (4)
desię		Other reactives	Per 261.23 (a)(1)
	D006	Cadmium containing bottories	1 31 233123 (4)(1)
Num wash	D000	Cadmium-containing batteries Other	
Divisi			
appr	D008	Lead acid batteries Other	
	D009	Low mercury	<260 mg/kg Hg
		High mercury	≥ 260 mg/kg Hg
		High mercury, containing organics	
		(not incinerator residues)	≥ 260 mg/kg Hg
		High mercury, containing inorganics	A.C
		(including incinerator or RMERC residues)	≥ 260 mg/kg Hg
meg	F001-F005(WW)	Pharmaceutical Non-Pharmaceutical	
	K006(NWW)	Anhydrous	
		Hydrated	
	K046	Reactive	
	18070	Non-Reactive	
*	770.0 F		
Unit	F025	Light ends Spent filters / aids & dessicants	
tifics	K061(NWW)	Low Zinc	< 15% total zinc
the high	, ,	High Zinc	≥ 15% total zinc
	K069(NWW)	Calcium sulfate	
Cal	1005(1117 117)	Non-calcium sulfate	
711	******		
721 722	K071	Low mercury	< 16 mg/kg Hg
723		High mercury	≥ 16 mg/kg Hg
724	K106	Low mercury	<260 mg/kg Hg
Cal		High mercury	≥ 260 mg/kg Hg
ino	P065	Low mercury — residues from RMERC	Original P065 < 260 mg/kg Hg
121		Low mercury — residues from incineration	Original P065 < 260 mg/kg Hg
		Mercury fulminate, High mercury —	≥ 260 mg/kg Hg
		incinerator or RMERC residues	
122		Mercury fulminate, nonwastewaters  — not incinerator or RMERC	
123 131		residues	
701	<b>D</b> 000		
	P092	Low mercury — residues from RMERC  Low mercury — residues from	Original P092 < 260 mg/kg Hg
132		incineration	Original P092 < 260 mg/kg Hg
13:		Phenyl mercury acetate, high	. 000 //
134		mercury incinerator or RMERC	≥ 260 mg/kg
134		residues Phenyl mercury acetate, nonwastwaters	
13! 14"		not incincerator or RMERC residues	
15	*****		
16'	U151	High Mercury	≥ 260 mg/kg Hg
<b>.</b>		Low mercury — residues from RMERC Low mecury — residues from	Original Ul51 < 260 mg/kg Hg < 260 mg/kg Hg
17:		incineration	Zoo mgag mg
18	NOTE TO		
	NULE: IUC = to	tal organic carbon: RMERC = mercury retorting: W	W = wastewater: NWW = non-wastewater
91		Pag	a 2 of 3

Page 2 of 3

## APPROPRIATE TECHNOLOGIES, INC. LAND DISPOSAL RESTRICTION NOTIFICATION

INSTRUCTIONS: Complete Part I. Check and complete Part II or Part III. Complete and sign Part IV. You need only return pages 1-3 unless instructed to also return Attachment I and/or II as indicated on page 1. Do not return Attachment 3.
PART I: Generator Profile and Manifest Information
1. Generator Name: Douglas Aircraft Company EPA ID #: CAD 086 510 005
2. Address: 19503 South Normandie Avenue
3. City: Torrance State: CA Zip: 90502
4. Profile Number: 38420 Manifest #: 972745540
5. EPA Waste Codes (list ALL codes for this stream and all relevant subcategories — see page 2 of this form):    DODI
6. This stream is (check one) awastewater (<1% total organic carbon and <1% total suspended solids)nonwastewater.
Some exceptions exist to this definition, please consult your Greenfield Customer Service Representative for details.
PART II: Wastes Subject to Land Disposal Restrictions (If the waste is non-RCRA, non-hazardous or a "newly listed waste" identified in Part III below, complete Part III rather than Part II.)
Numerical treatment standard(s) specified in 40 CFR 268.41(a) (Table CCWE), per Attachment III.  Also check one or more of the following lines as applicable.  A. Numerical treatment standard(s) specified in 40 CFR 268.41(a) (Table CCWE), per Attachment III.  Also check one or more of the following lines as applicable.  A. Numerical treatment standard(s) specified in 40 CFR 268.41(a) (Table CCWE), per Attachment III.  3. Treatment standard(s) expressed as specified technology(ies) in 40 CFR 268.42(a), for which the required technology, per Attachment III, is
PART III: Wastes currently NOT subject to Land Disposal Restrictions
Pursuant to 40 CFR 268.7, I am notifying Appropriate Technologies, Inc. that, under the above profile number and manifes number, I am shipping to you a waste which is non-RCRA, non-hazardous, or identified by the EPA waste code(s) listed in Part I above. The waste is not currently subject to EPA Land Disposal Restrictions because the waste is non-RCRA, non-hazardous, or consists only of one or more of the following EPA waste codes listed since November 8, 1984; D018-43, K064-66, K088, K090-91, K117-18, K123-26, K131-32, K136, U328, U353, U359.
PART IV: Authorized Representative
Signature: Robert G. Tuell, Jr. Date: 02-03-94  Print or Type Name: Robert G. Tuell, Jr.
Print or Type Name: Robert G. Tuell, Tr.
Title: Senior Plant Engineer
NOTE: A "California List" waste is (a) a hazardous waste containing Halogenated Organic Compounds (HOC) at a concentration ≥ 1000 mg/kg or mg/l, or (b) a liquid hazardous waste (including free liquids) having a pH ≤ 2.0 and/or containing any of the following materials at a concentration ≥ that specified: PCBs, 50 ppm; or (in mg/l) free cyanides, 1000; As, 500; Cd, 100; Cr, 500; Pb, 500; Hg, 20; Ni, 134; Se, 100; Tl, 130.
Page 1 of 3

### ATTACHMENT I ADDITIONAL NOTIFICATION FOR F001-F005, AND CALIFORNIA LIST WASTES

For Part II, Line 1 of the LDR Notification (F001-F005)

(

F001	F002 _	F003 F004	F005		
WASTE CODE		REGULATED HAZARDOUS CONSTITUENT		WASTEWATERS CONCENTRATION (mg/l)	NONWASTEWATERS CONCENTRATION (mg/l)
			 BLE CCWE		
F001 F00 <i>5</i>					
F001-F005 spent solvents		Acetone		0.05	0.59
· F		n-Butyl alcohol		-5.0	5.0
		Carbon disulfide		1.05	4.81
		Carbon tetrachloride		0.05	0.96
		Chlorobenzene		0.15	0.05
		Cresols (and cresylic acid) Cyclohexanone		2.82 0.125	0.75 0.75
		1,2 — Dichlorobenzene		0.65	0.73
		Ethyl acetate		0.05	0.75
		Ethyl benzene		0.05	0.053
		Ethyl ether		0.05	0.75
		Isobutanol		5.0	5.0
		Methanol		0.25	0.75
		Methylene chloride		0.2	0.96
		Methyl ethyl ketone		0.05	0.76
		Methyl isobutyl ketone		0.05 0.66	0.33 0.125
		Nitrobenzene Pyridine		1.12	0.123
		Tetrachloroethylene		0.079	0.05
		Toluene		1.12	0.33
		1,1,1, — Trichlorethane 1,1,2, — Trichloro-		1.05	0.41
		1,2,2, — Trifluorethane		1.05	0.96
		Trichloroethylene		0.062	0.091
		Trichlorofluoromethane Xylene		0.05 0.05	0.96 0.15
		T A	BLE CCW		
P001 P005					
F001-F005		1,1,2, Trichloroethane		0.030	7.80
spent solvents		Benzene		0.070	3.70
F001-F005		Methylene chloride		0.44	NA
spent solvents (Pharmeceutical Industry Wastewater		·			
Subcategory)				REQUIRE	D METHOD
F005		2-Nitropropane		INCIN	INCIN
F005		2-Ethoxyethanol		INCIN	INCIN
For Part II. Line 5.	6. or 7 of tl	ne LDR Notification (Californ	nia List)		
		ated below if it is (a) a D001, D002		05, D006, D007, D008, D009, D0	010, D011, or subject to a "capacit
variance" — and me Tl. Check the appro		ion of a "California List" waste; o clow:	or (b) a liquid haza	urdous waste ≥ 50 ppm PCBs, or	$r \ge 134 \text{ mg/l Ni, or } \ge 130 \text{ mg/l}$
HOC ≥ 1000		rate ncinerate (Not acceptable at APTE	SC)		
liquid, pH ≤ liquid, free cy liquid, As ≥	2: Neutralizanides ≥ 10	•			
liquid, Cd ≥ liquid, Cr ≥	100 mg/l: * 500 mg/l: *				
liquid, Pb ≥ liquid, Hg ≥ liquid, Ni ≥	20 mg/l: *				
liquid, Ni ≥ liquid, Se ≥ liquid, T1 ≥	100 mg/1: *				

Attachment I



SERVICE ORDER 92 75615

JOB NO. 940/90

DATE 8/3/94

#### TRANSPORTATION SERVICE ORDER

Transportation ID #: CAD0	00083121								
4501 Pacheco Blvd. Martinez, CA 94553 (510) 372-4800  3237 Patton Way Bakersfield, CA 9 (805) 835-5801 0 (805) 589-4970				J, CA 93308 Wilmington, CA 907- 5801 or (310) 518-4700					
Customer Name:	NEE 32 W 2K9LA 9):Outside Fa	State PLAN INSTE S A acility	/AURA) // // // // // // // // // // // // //	F7 Te  Co  BC  De  Sa  7 EF  Cu  Cu	lephone: intact Person: DE #: estination: APPAC les Person: PA Number: cility EPA NO.: estomer P.O	1064	TE TE	Ee#.,	INC.
CHULA VISIA	CAI	<u>un h</u>	110 4	NE/U	CRV 10 H	<u> </u>	47)	ARO.	
Start Miles:	61 06, N DOL 07,00 08,80	Trailer	Stop (AN Detail Driver N Disposa	603 M/PM) M/PM) lo I Site: Tin	ne In	et Wgt apacity Gros Less Adj. Tota Time	: ss Time _ s Time _ Time _ al Time _ e In e Out		
	1	T	FOR ACCO		NLY	200			
ACODE	ST OT DT	RATE	EXT	24015 24015 24010 24010 24020 24025 24025 24025 74055 74055		QTY	UOM	RATE	EXT